

IN THE CLAIMS

There is no amendment to the claims. Listed herein are original claims and claims previously amended.

1 3. (Original) The method of claim 1 further comprises the step of allocating the plurality
2 of relocation blocks corresponding to the memory page upon receiving the address
3 of the memory page.

1 4. (Original) The method of claim 3 further comprises the step of corresponding each
2 entry of the plurality of entries to a particular location of a relocation block.

1 5. (Previously Amended Once) A system for managing memory in a computer system,
2 comprising:

3 a plurality of relocation blocks located at a plurality of locations including
4 one or a plurality of memory systems; wherein a set of relocation
5 blocks is divided from a memory page;
6 a relocation table having a plurality of entries that is used to locate the
7 relocation blocks at the plurality of locations and to convert an
8 address of the memory page to a relocation address of a relocation
9 block containing the data intended for a memory access; and
10 if the data intended for the memory access is not in physical memory, then
11 loading, in physical memory, one or a plurality of relocation blocks
12 containing the data related to the memory access.

1 6. (Original) The system of claim 5 wherein the address of the memory page was
2 translated from a virtual address of the data.

1 7. (Original) The system of claim 5 further comprises means for allocating the plurality of
2 relocation blocks corresponding to the memory page upon receiving the address of
3 the memory page.

- 1 8. (Original) The system of claim 7 wherein each entry of the plurality of entries
2 corresponds to a particular location of a relocation block.
- 1 9. (Previously Amended Once) A computer-readable medium embodying instructions that
2 cause a computer to perform a method for managing memory in a computer
3 system, the method comprising the steps of:
4 for at least one memory page,
5 dividing the page into a plurality of relocation blocks, and
6 placing the plurality of relocation blocks at a plurality of locations
7 including one or a plurality of memory systems; and
8 using a relocation table having a plurality of entries to locate the relocation
9 blocks at the plurality of locations;
10 wherein, upon a memory access,
11 using the relocation table to convert an address of the memory page
12 to a relocation address of a relocation block containing the
13 data intended for the memory access; and
14 if the data intended for the memory access is not in physical
15 memory, then, loading, in physical memory, one or a
16 plurality relocation blocks containing the data related to the
17 memory access.
- 1 10. (Original) The computer-readable medium of claim 9 wherein the method further
2 comprises the step of converting a virtual address of the data to the address of the
3 memory page.

1 11. (Original) The computer-readable medium of claim 9 wherein the method further
2 comprises the step of allocating the plurality of relocation blocks
3 corresponding to the memory page upon receiving the address of the memory
4 page.

1 12. (Original) The computer-readable medium of claim 11 wherein the method further
2 comprises the step of corresponding each entry of the plurality of entries to a
3 particular location of a relocation block.